metrica de DIMENSIONE FIGURARUM, Authore Davide Gregorio, *in Academia* Edinburgenſi *Matheſeos Profeſſore.* Edinburgi *in* 4°. 1684. II. *L' Art de Tailler les* Arbres Fruitiers; *& un Trait de L'uſage des* Fruits *des* Arbres, *à* Paris *in* 12. 1683.

A further account of the Bridg *at* Pont St. Eſprit, *whereof before,* Numb. 160. *together with a parallel* Hiſtory *of ſome other* Bridges *at* Rome: *In a Letter from the ingenious Mr.* Tankred Robinſon *to Dr.* Martin Liſter.

SInce my laſt concerning the *Bridge* at *Pont St. Eſprit*, I have found ſomething more in that kind for your further diverſion; I doe not doubt but you ſtill retain a freſh *Idea* of the ſtately ruins of the *Modern Bridge* at *Avignon*, which hath yielded in many places to the extreme rapidity, and violence of the *Rhoſne*. Its fall in my opinion may be aſcrib'd to three defects; firſt, it was not ſo *Multangular*, as that at *St. Eſprit*: Secondly, it wanted in 3 or 4 places, the little Arches dividing the feet of the great ones, and in thoſe parts it hath ſuffer'd moſt; for where thoſe uſeful ſluces are, there I obſerv'd the bridge to ſtand ſtill the moſt entire. Thirdly, the *Pedeſtals* (or as you very properly call them, *Horizontal Arches*) were not ſo *Geometrically* and exactly laid, as thoſe of *Pont St. Eſprit*, their jettings out were few, and they not gradually contracted, ſo that the force of the ſtream muſt be the greater upon the Fabrick.

Now that we are upon this ſort of *Hiſtory*, I will venture to carry you from the *Rhoſne* to the *Tyber*, which, though not ſo ſwift as the *Rhoſne*, yet is ſubject to greater inundations, as many inſcriptions aſſure us. No *River* ever

ever had ſo many *bridges* built with that magnificence and art, as this; and though they were more pompous, and rich in rare ſtones, in Sculpture, &c. than that I formerly ſent you a draught of from *Montpelier*; yet they had the like proviſion for their ſecurity, and preſervation, and their deſign was much the ſame; which may be ſeen at *Rome* this very day in the old *Pons Milvius* (now *Ponte nolle*) near the *via Flaminia*; in the marble remains of the *Pons Æmilius* (repair'd with rich materials by *Antoninus Pius*) on the ſide of the *Ripa*, or *Traſtevere*, near the root of the *Aventine* hill, where firſt the *Pons Sublicius* ſtood; as alſo in the *Pons Fabritius* and the *Ceſtius*, that leads over to the *Inſula Tiberina*; in all which there are ſtill very fair marks of the old *Roman* ſtructure, and deſign; and if that prodigious City had not been knock't ſo often to peices by barbarous Sackers, we might have had ſtill as clear proofs from the other bridges; *viz.* The *Pons Triumphalis*, the *Senatorius*, *&c.* But *Gothiſh*, and *Northern torrents* broke all before them.

I have here, *Sir*, according to your commands, drawn up in writing thoſe thoughts, which I mentioned the other day to you; So I reſt,

SIR,

Your very Humble Servant

TAN. ROBINSON.